

YEAR 6

Term 2

Autumn 2024

Key Vocabulary

English – desperate, ordeal, indication, responded, confirmed, reassured

Maths – denominator, numerator, mixed fractions, factors, simplify, improper fraction

Computing – html, web page layout, copyright, navigation path, hyperlink, website

Science – transparent, translucent, opaque, circuit, voltage, cell

History – hierarchy, city-state, codex, economic, cultural, agriculture

DT – assemble, template, construct, 3D perspective drawing, criteria, component

RE – ethical, atheist, philosophy, social justice, morality, evolution

English

Breaking news, Year 6 will be reporting on a plane crash in the Amazon! Using the book, *The Explorers*, to gather information, we will be writing an online news article to inform the readers of the devastating events. At the end of the term, we host and video our news reports using the I-pads. Our learning journey will include:

- Direct and reported speech
- Third person
- Past tense
- Formal language

Mathematics

In Year 6 Maths, we will be learning about fractions:

- Fractions on a number line
- Comparing and ordering
- Adding and subtracting fractions
- Adding and subtracting mixed fractions
- Multiplying fractions by integers
- Dividing fractions by integers
- Rules with fractions
- Fractions of an amount and of the whole

Within our learning, we will use concrete, pictorial and abstract representations, as well as applying our skills to reason and problem solve.

Science

In our Science topic this term, we will be exploring light and electricity to support us in our Solar project at the end of the unit. We will investigate how light travels and its importance to animals, as well as build test different electrical circuits.

Computing

This unit we introduce creating websites for chosen purpose. We will identify what makes a good web page and use this information to design and evaluate our own website. Throughout the process, we will consider copyright and fair use of media the aesthetics of the site and navigational pathways.

Religious Education

In RE, we will be looking at Humanism. Exploring the world views and thoughts of influential and Humanist thinkers will provide an understanding of how the principles and beliefs relate to the world around us.

PE

This half-term we will be talking part in Handball and tactical invasion games. We will practise the following skills: throwing - overhead, bounce, flick and jump pass; accelerating away from defenders; trapping oppositional attackers; flexible play when evading defenders.

Spanish

During this half term we will learn vocabulary for rooms in the house and furniture nouns inspired by artist Piet Mondrian. We will write descriptive sentences, explore Spanish castles, as well as create our own "Enter the Castle!" stories. Getting festive, we will search for and locate the Christmas Elf.

History

We will explore the world of the Maya, and debate whether they should remain a significant historical civilisation. We will consider the lives of the modern-day Maya, before focusing on the architectural achievements, religion and surviving writings of the Ancient Maya.

DT

This term, we will be creating a steady hand game, considering specific criteria to ensure a successful outcome. Throughout the project, we will be utilising our design, drawing, construction and evaluation skills, while incorporating our science knowledge of circuits and electricity.

PSHE

In PSHE, we will consider managing risk and keeping safe when out and about in the local community. We will discuss increasing independence and the feelings this evokes, recognising and responding to peer pressure, as well as the consequences of anti-social behaviour.

Music

The journeys unit will develop our knowledge of metre and the skills of: singing in unison, singing in echoes, following structure, singing in harmony and following melodic structure.

Learning to Learn

We will revisit the book 'Salt in his Shoes' and consider other 'great people who reached for the stars' 'Fifty cents and a dream'. We will discuss and the importance of being resilient and working with perseverance to achieve our goals and dreams.

